APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Improved Method of Flaw Detection by Coloring, by S. I. Malashnikov, N. P. Kichin.

RUSSIAN, Per, Zavod Lab, Vol XXIII, 1957, pp 806-808.

Henry Brutcher 4419
$2.85

Sci - Chem, Engr

84,310

Apr 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Metallographic Study of the Carbides in High-Speed Steels, by M. S. Chayadayeva.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 7, 1957, pp 811-813.

Brutcher Tr 4065
$2.45

Sel - Min/Met

Apr 58

61,426

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Tolomasov, V. A. and Apaev, B. A.
EXAMINATION OF MEASURING SCHEMES OF BALLISTIC MAGNETOMETER AND ANISOMETER. [1962] [14]p. 9 refs.
Order from OTS or SLA $1.60 62-18274

Trans. of Zavodskaya Laboratoriya (USSR) 1957, v. 23, no. 7, p. 821-826.

DESCRIPTORS: Measurement, Ballistics, *Magnetometers, *Magnetism, Coils, Galvanometers, Equations, Ferromagnetism.

(Physics--Magnetism, TT, v. 9, no. 11)

62-18274

I. Title: Anisometer
I. Tolomasov, V. A.
II. Apaev, B. A.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Equipment for Ultrasonic Inspection of Welded Joints, by A. K. Gurvich.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 7, 1957, pp 858-860.

HB 5112

Sci - Engr

Jun 61

156,834

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Use of Electrolytically Generated Permanganate Ion for Coulometric Titration, by O. A. Songina, N. G. Kemeleva, M. T. Kozlovski, 7 pp.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 8, 1957, pp 896-900.

SLA 59-10262

Sci - Chem
Sep 59
Vol 2, No 1

97,252

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Comparative Evaluation of Methods for Determining Gases in Steel, by Yu. A. Klyachko, L. L. Kunin, E. M. Chistyako.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 8, /1957, pp 905-907.

Brutcher Tr 4133
$2.90

Mci - Phys, Engr

Jan 58

65,729

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Determination Under Vacuum of the Thermal Conductivity of Refractory Bodies, by D. M. Shakhtin, I. J. Vishnevskiy, 5 pp.

RUSSIAN, per, Zavodskaya Lab, Vol XXIII, 1957, pp 927-929.

AEC CEA Tr R501

Reverse Trans Russian to French
Feb 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

The Determination of the Specific Conductance of Refractory Materials in Vacuum up to 2200 Deg C., by F. I. Chayrinin, S. I. Kovalenko, A. N. Lulichev.
RUSSIAN, per, Zavodskaya Laboratoriya,
Vol 23, 1957, p 931.
SLA M66-10785

331, 637

Sci
Jul 67

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Using the Ferrosonde Method for Studying Steel Fractures, by Z.N. Krasil'shchikov, Ye. N. Shvach.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 8, 1957, pp 959-961.

9662373

ATIC MCL 628/1

Sci - Min/Met
Jun 61

15-11-941

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Apparatus for Accurate Measurement of the Electrical Resistance of Metals and Alloys at High Temperatures in Vacuum, by S. D. Gertsriken, A. V. Prograshchenko.

M RUSSIAN, per, Zavod Lab, Vol XXIII, No 8, 1957, pp 974, 975.

HB 4845

Sci - Min/Met

Oct 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

SIR No 6.

K. V. Chmutov, "The Chromatographic Method and the Prospects of Its Development," Zavodskaya Laboratoriya, Vol 23, No 9, Sep 57, pp ~~1219~~ 1019--1022.

Sum 985

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

12 854

Fr-1

TROSTYANSKAYA E. B., TEVLINA A. S.

Sorbents selective to ion exchange in chromatographic analysis

Sorbants sélectifs à l'échange ionique dans l'analyse chromatographique

Zavodskaya Lab., 23, No. 9, 1042-1049 (1957)

R. 1104 - French

Euratom

AEC-tr-5300(L)

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Separation of Molybdenum From Iron, Aluminum, and Calcium by Means of Ion-Exchange Anionites, by Yu. V. Morachevskiy, M. N. Gordeyeva.

RUSSIAN, per, Zavodskaia Laboratoriya, Vol XXIII, 1957, pp 1066-1067. 9203398

UCRL-Tr-896(L)

Sci - Chem

Mar 63

226,594

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Photographic Effects of the Radiation of Some Radioactive Isotopes, by M. V. Ushakov.

RUSSIAN, par, Zavod Lab, Vol XXIII, No 9, 1957, pp 1080-1083.

CSIRO

Sci - Phys
Aug 62

.211, 496

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

High-Carbon, High-Chromium Tool Steels Checked for Uniformity of Carbide Distribution by a New Rating Chart, by A. G. Ivanov, et al. UNCL

RUSSIAN, per, Zavod Lab, No 9, 1957, pp 1088-1091.

MB 4825

Sci - Min/Met
Jun 60

120,819

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

A Method for Measuring the Coefficient of Thermal Conductivity of Refractory Materials at High Temperatures, by V. V. Pustovalov. UNCLASSIFIED

RUSSIAN, per, Zavod Lab, Vol XXXIII, No 9, 1957, pp 1093-1094.

Navy Tr 1677/NRL-661

60, 726

Sci
Apr 58

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Universal Chromathermographic Apparatus for Analyzing Complex Gas Mixtures, by M. M. Turkel'taub, A. A. Zhukhovitskiy, 10 pp.

RUSSIAN, per, Zavod Lab, Vol XXIII, 1957,' pp 1120-1124.

Patent Office

Sci-/Engr

246, 424

Jan 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Laboratory Vacuum Furnace for Temperatures of 2000-2500° C, by A. G. Tyurtyunik.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 9, 1957, pp 1126, 1127.

Brutcher Tr 4292
$2.75

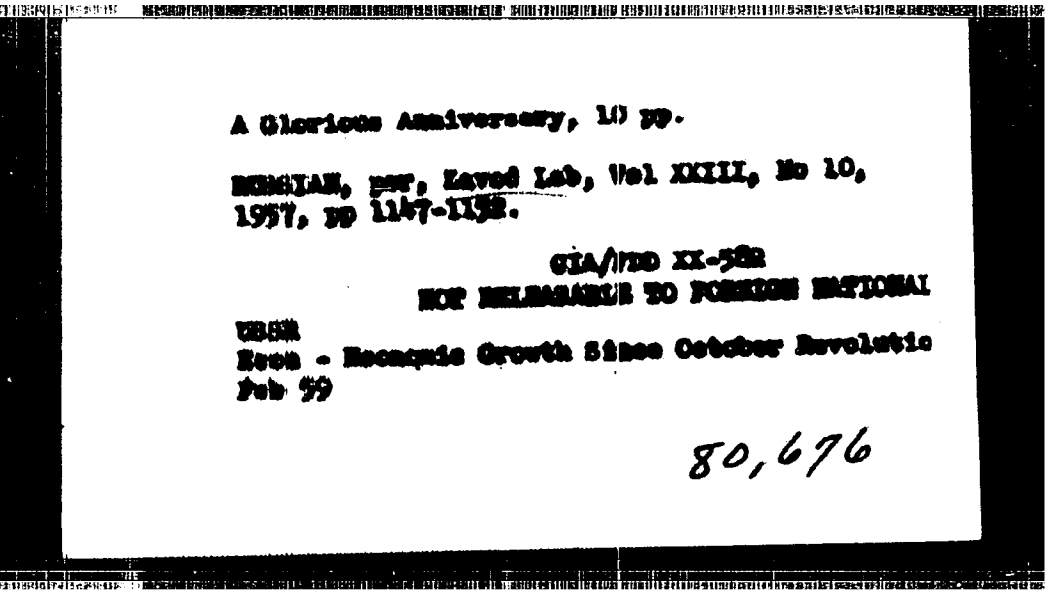
Sci - Engr

Sep 58

72,599

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9



A Glorious Anniversary, 10 pp.

[redacted], per, Zavod Lab, Vol XXIII, No 10, 1957, pp 1147-1152.

CIA/MID XX-582
NOT RELEASABLE TO FOREIGN NATIONAL

USSR
Rsch - Economic Growth Since October Revolutio
Feb 59

80,676

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Analysis of Pure Metals, by V. A. Nazarenko, 9 pp.

RUSSIAN, per, Zavod Lab, Vol. XXIII, 1957, pp 1162-1167.

AEC/MP Tr 231

Sci - Min/Met

May 59

87,880

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

12 688 Fr-1

KUZNETSOV V. I., SERYAKOVA I. V.

Extractive separation of elements by means of easily fused organic substances

Séparation des éléments par extraction à l'aide de substances organiques facilement fusibles

Zavodskaya Lab., 23, No. 10, 1176-1186 (1957)

R. 1002 - French

Euratom

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Results and Trends in the Development of Soviet Metallography, by M. L. Bernshtein, et al.

RUSSIAN, pub, Zavod Lab, Vol XXIII, No 10, 1957, pp 1202-1211.

NLL M. 2563

Sci - Min/Metals

117,591

Dec 61.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Electron Microscopy in the Soviet Union, by
R. Ya. Berlage.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 10, 1957.
pp 1214-1219.

C.S.I.R.O.

NLL M.350

Sci

May 60

115 771

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Magnetic Structural Analysis, by S.V. Vonsovskiy.

RUSSIAN, per, Zavod Lab, No 10, 1957, pp 1221-1226.

Primary Sources
SMT-111

Sci - Phys
Jul 61

159,451

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Development of Defectoscopy (Non-Destructive Testing) of Metals, by S. T. Nazarov, 9 pp.

RUSSIAN, per. Zavod Lab, Vol XXIII, No 10, 1957, pp 1228-1234.

CIA/FDD XX-521
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics
Oct 58

IAC INTERNAL USE ONLY

Chief [illegible]
C. S. I. R. O.
[illegible]
last [illegible]
Co. [illegible]
74,056
NLL [illegible]

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

X-Ray-Spectral Method of Investigating Local Chemical Composition, by I.B. Borovskiy.

RUSSIAN, per, Zavod Lab, No 10, 1957, pp 1234-1242.

Primary Sources
SMT-110

Sci - Engr
Jul 61

159, 452

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Use of Coprecipitation in Order to Obtain Analytical Concentrates of Cd, Pb, Biand Zn in the Analysis of Alloys, by A. K. Babko, P. V. Marchenko.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 11, 1957, pp 1278-1283.

964731

R.221.5 Soviet Metal Tech
Vol I, No 1, p 55

ATIC MCL-550/III

124,035

Sci - Min/Met
Aug 60

Info taken from LLU Tr Bul
Jun 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

12 733 AT-1

NAZARENKO V. A., SHUSTOVA M. B.

Pure metal analysis. Determining tantalum admixtures in zirconium and niobium

Analyse reiner Metalle. Die Bestimmung von Tantal-Beimengungen in Zirkon und Niob.

Zavodskaya Lab., 23, No. 11, 1283-1286 (1957)

Ch, 1960/61, No. 74 - German

Euratom

N.L. M 3041

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Determination of Carbides in Stainless Steel
by the Electrolytic Method, by M. M. Shapiro.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 11, 1957,
pp 1292-1294.

Brutcher Tr 4290
$3.90

Electronics
Sci - [redacted]

72, 5-95

Sep 58

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Special Analysis of Beryllium, by P.M. Polyakov.

RUSSIAN, per, Zavod.Lab., No 11, 1957, pp 1320-1323

Primary Sources
SMT-1165

Sci - Min/Met
Jul 61

159,454

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Determining the Critical Interval of Brittleness of Smooth Test Pieces Under Tensile Stress, by I.Ye. Kontorovich, B. M. Voshedchenko, 8 pp.

RUSSIAN, per, Zavod Lab, No 11, 1957, pp 1362-1365. 9660868

ATIC MCL-511/III

Phys
Apr 61
IC-40286-M

147,793

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Apparatus for Determination of the Reducibility of Blast Furnace Sinters, by N. L. Gol'dshtein, N. S. Khrochenko.

RUSSIAN, per, Mavod Lab, Vol XXIII, No 11, 1957, pp 1391-1392.

Brutcher Tr 4264
$2.00

Chem
Sci - [redacted]

Sep 58

72,583

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

The Question of the Organization of Laboratories for Work With Radioactive Substances, by N.B. Leschinskiy.

RUSSIAN, per, Zavod Lab, No 11, 1957, pp 1396-1398.

Primary Sources
SMT-1170

USSR
Econ
Jul 61

159, 453

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Analysis of Steel for Cases by the Vacuum-Heating Method, by Yu. A. Klyachko, et al.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 12, 1957, pp 1410-1412.

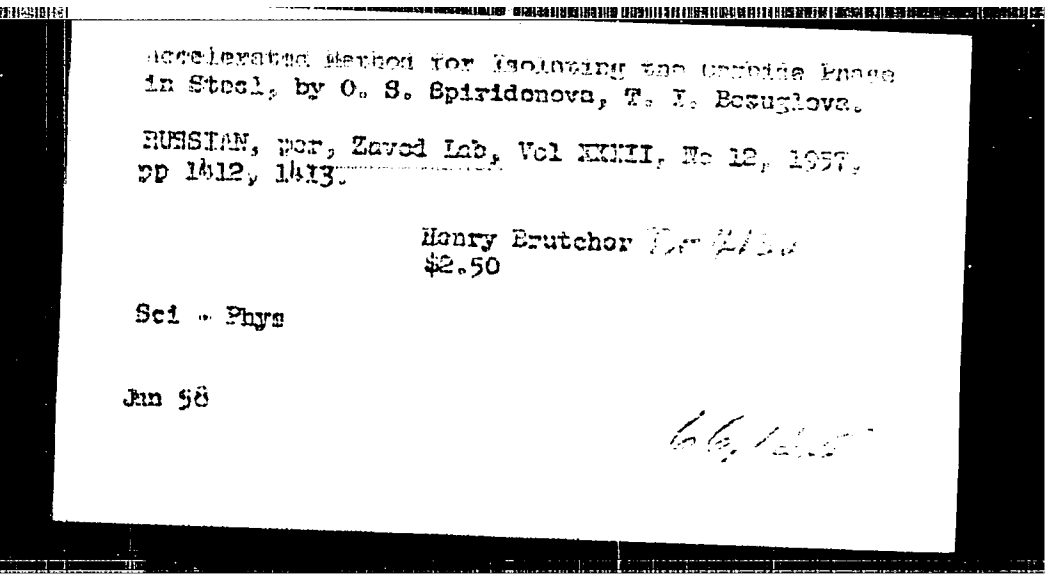
Brutcher Tr 4130
$3.25

Sci - Min/met
Jul 58

66,276

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9



Accelerated Method for Isolating the Carbide Phase in Steel, by O. S. Spiridonova, T. I. Bosuglova.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 12, 1957, pp 1512, 1513.

Henry Brutcher Per A/Lib
$2.50

Sci - Phys

Jan 58

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

The Continuous Determination of the Concentration of Nitric Oxide in Coke Oven Gas, by M. T. Borok, 6 pp.

RUSSIAN, per, Zavod Lab, Vol XXIII, 1957, pp 1414-1430.

AEC Tr 3631

Sci - Chem

May 59

87, 955

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Investigation of the Influence of Stress and Deformation of the Self-Diffusion of Iron, by T. I. Gudkova, V. S. Gorbatov, S. Z. Bokshtein, A. A. Zhukovitskiy, S. T. Kishkin, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XXIII, 1957, pp 1438 1439.

AEC 3335

Sci - Phys

Oct 58

73,088

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Method of Electron Emission Investigation of Steel, by K. V. Warli, et al.

RUSSIAN, per, Zavod Lab, No 12, 1957, pp 1443-1446.

Soviet Metal Tech
Vol I, No 1, 1958,
p 74

Sci - Min/Met

May 61

148, 827

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

A Mass-Spectrometric Method of Determining the Kinetics of Emission of Gases From Metals, by V. I. Fistul, 12 pp.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 12, 1957, pp 1448-1451. 9066991

AEC Tr-5280

Sci - Min/Met, Chem
Oct 62

217,347

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

A Method for Electrochemical Investigation of Atmospheric Corrosion at 100 % or Lower Relative Humidity of the Air, by Yu. N. Mikhailovskiy, N. D. Tomashov.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 12, 1957. pp 1462-1465.

ATS RJ-2064

Sci - Chem
Dec 58

104,062

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Mikhailovskii, Yu. N. and Tomashov, N. D.
METHODE D'ÉTUDE ÉLECTROCHIMIQUE DE LA CORROSION ATMOSPHERIQUE, L'HUMIDITÉ RELATIVE DE L'AIR ÉTANT EGALE OU INFERIEURE À CENT POUR CENT (Metod Elektrokhimicheskogo Issledovaniya Atmosfernoi Korrozii pri Otnositel'noi Vlazhnosti Vozdukha 90 100 % i Nizhe) [A Method for Electrochemical Investigation of Atmospheric Corrosion at 100 % or Lower Relative Humidity of the Air] tr. by Lopoukhine. 26 Dec 61 [17]p. (Russian text included) 7 refs. CEA Trans. no. R 1465 (text in French). Order from OTS or SLA $1.60 62-24579

Trans. in French of Zavodsk[aya] Lab[oratoriya] (USSR) 1957, v. 23, no. 12, p. 1462-1466.
A trans. in English is available from ATS $10.05 as ATS-21L33R [1959] 5p.

DESCRIPTORS: *Electrochemistry, *Corrosion, Atmosphere, *Humidity, Air.
(Metallurgy--Corrosion, TT, v. 8, no. 3)

62-24579

I. Mikhailovskii, Yu. N.
II. Tomashov, N. D.
III. CEA-tr-R1465
IV. Commissariat à l'Énergie Atomique (France)

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

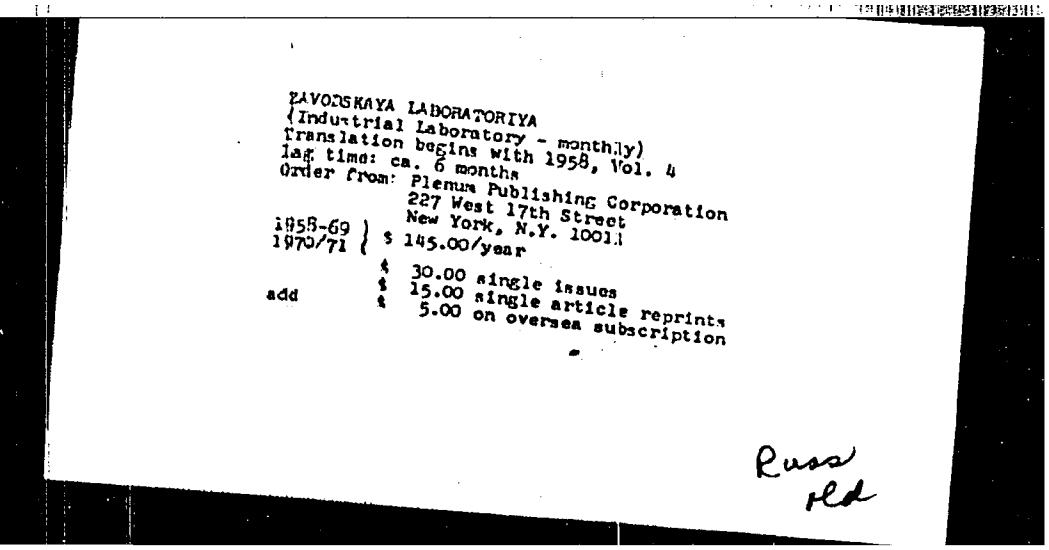
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

SIR No 5:

Ion-Exchange Resins and "Selective ~~Ionites and~~ Selective Ionite- Ion--Exchange Resin Diaphragms" by V. A. Klyachko, Zavodskaya Laboratoriya, Vol 23, No 9, Sep 57, pp 1049-1051.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9



ZAVODSKAYA LABORATORIYA
(Industrial Laboratory - monthly)
Translation begins with 1958, Vol. 4
lag time: ca. 6 months
Order from: Plenum Publishing Corporation
227 West 17th Street
New York, N.Y. 10011

1958-69 }
1970/71 } $ 145.00/year

add $ 30.00 single issues
$ 15.00 single article reprints
$ 5.00 on overseas subscription

Russ
Hd

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

ZAVODSKAYA LABORATORIYA

Vol 25, Nos 1-12, 1959

Cover-to-cover Instru Soc of Amer
Available Br 5 Library

Vol 25, No 1,	pp 38-41	CIA/FDD XX-782	NOFORN
Vol 25, No 2,	pp 219-	CIA/FDD XX-722	NOFORN
No 5,	pp 608-610	CIA/FDD XX-818	NOFORN
	pp 619-	CIA/FDD XX-819	NOFORN
No 6,	pp 741	CIA/FDD XX-820	"
	pp 743-744	CIA/FDD XX-771	"
	pp 745-746	CIA/FDD XX-772	"
	pp 748-749	CIA/FDD XX-821	"

Vol 25 No 9 pp 1023-1027 JPRS 3256

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

ZAVODSKAYA LABORATORIYA

Vol 26, Nos 1-7, 1960

Cover-to-cover Instru Soc of Amer

Available Br 5 Library

No 5, pp 523-529 JPRS 4566
No 6, pp 679-703 JPRS 4546

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

ZAVODSKAYA LABORATORIYA

Vol 27, Nos 1-7, 1961

Cover-to-cover Instru Soc of Amer
Available CIA library/Book Desk

No 2, pp 243-245 JPRS 4934
No 7, pp 839-842 JPRS 12,051

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

ZAVODSKAYA LABORATORIYA

Vol 27, Nos 8-12, 1961

Cover-to-cover Instru Soc of Amer
Available Library Serials

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Nikitin, V. N. and Volchek, B. Z.
THE STUDY OF POLYMERS BY MEANS OF INFRARED SPECTROSCOPY. [1962] 10p.
Order from ATS $15. 45 ATS-73P60R

Trans. #Zavodskaya Lab[oratoriya] (USSR) 1962, v. 28, no. 1, p. 49-55.

DESCRIPTORS: *Polymers, *Infrared spectroscopy.

(Physics--Spectroscopy, TT, v. 8, no. 5)

62-17741

I. Nikitin, V. N.
II. Volchek, B. Z.
III. ATS-73P60R
IV. Associated Technical Services, Inc., East Orange N. J.

ATS 63-3038

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

INCREASING THE TESTING CAPACITY OF MACHINES FOR STRESS-RUPTURE TESTING, BY A. G. RYSS.

RUSSIAN, PER, ZAVOD LAB, VOL XXVIII, NO 1, 1962, P 112.

NLL M. 3769

SCI - ENGR

OCT 62

213,003

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

ESTABLISHING THE POSITION OF FLAWS IN ULTRASONIC INSPECTION, BY YA. I. IOFFE.

RUSSIAN, PER, ZAVOD LAB, VOL XXIII, NO 2, 1962, PP 242-245.

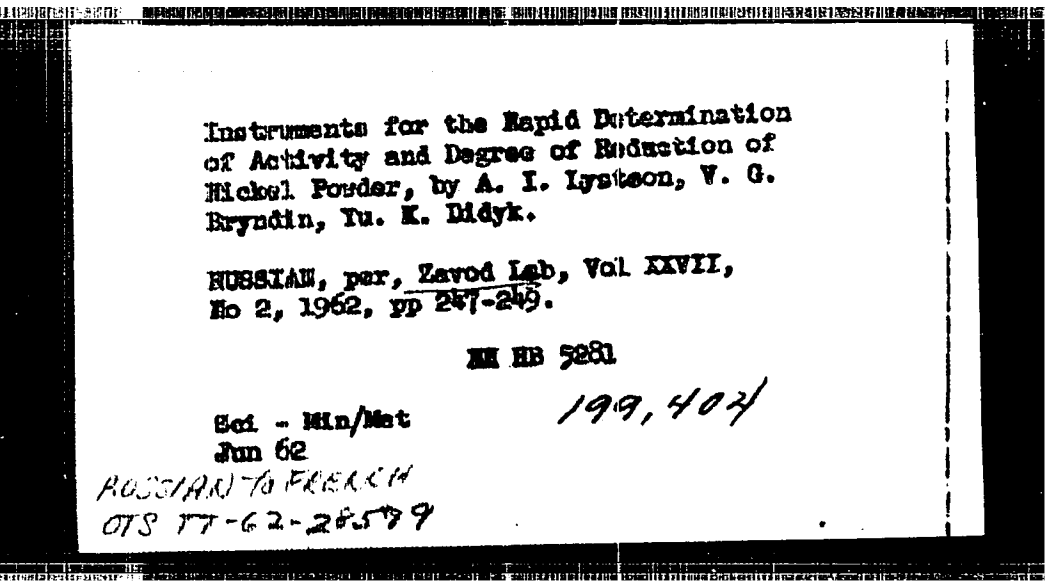
HB 5557

SCI - PHYS
AUG 62

207,006

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9



Instruments for the Rapid Determination of Activity and Degree of Reduction of Nickel Powder, by A. I. Lyatsen, V. G. Bryukin, Yu. K. Didyk.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 2, 1962, pp 247-249.

MM HB 5281

199,402

Sci - Min/Met
Jun 62

RUSSIAN TO FRENCH
OTS FT-62-28579

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

(DC-1801)

THE USE OF PUNCHED CARDS IN INDUSTRIAL AND RESEARCH LABORATORIES (SURGGVEY), BY G. G. VOROB'YEV, 13 PP.

RUSSIAN, PER, ZAVODSKAYA LABORATORIYA, VOL XXVIII, NO 3, 1962, PP 316-323.

JPRS 14,468

SCI - MISC, MACH TRANS

SCI & ENGR

JUL 62 202,907

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

METHODS OF EXPOSING DISLOCATIONS IN CRYSTALS, BY I. A. ODING, E. S. KOSYAKINA, 18 PP.

RUSSIAN, PER, ZAVODSKAYA LABORATORIYA, NO 4, 1962, PP 450-458.

JPRS 17638

SCI - CHEM

FEB 63

223,482

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

ON A METHOD OF EXPOSING DISLOCATIONS IN SILICON MONOCRYSTALS, BY M. G. MIL'VIDSKIY, L. V. LAYNER, 7 PP.

RUSSIAN, PER, ZAVODSKAYA LABORATORIYA, NO 4, 1962, PP 459-462.

JPRS 17638

SCI - CHEM
FEB 63

223,481

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Kuritsyna, A. D. and Meinster, P. G.
DETERMINATION OF THE HARDNESS OF POLYMERIC MATERIALS AT ELEVATED TEMPERATURES.
15 Aug 62 [6]p. 1 ref.
Order from OTS or SLA $1.10 62-18966

Trans. of #Zavodsk[aya] Lab[oratoriya] (USSR) 1962, v. 28 [no. 4] p. 491-493.

DESCRIPTORS: *Plastics, Hardness, Temperature, Measurement.

The hardness and relative elasticity of plastics were measured at temperatures of 20° to 150° C. on a Rockwell-Superficial apparatus. Treatment of the data obtained permitted detection of the critical points corresponding to transition of the polymers to different physical states. It was shown that the reversible reduction of the depth of penetration, for the majority of
(Materials--Plastics, TT, v. 9, no. 7) (over)

62-18966

I. Kuritsyna, A. D.
II. Meinster, P. G.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

A Method of Accurate Determination of Lattice Constants From Asymmetric X-Ray Diffraction Diagrams, by V. V. Zhukov.

RUSSIAN, per, Zavod. Lab., Vol XXVIII, No 5, 1962, pp 290-292.

... 394

Sol - Phys
Feb 63

223,553

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Simultaneous Determination of Sulfuric Acid and Phenolsulfonic Acid in Mixtures, by E. A. Umalin.

RUSSIAN, per, Zavod Lab, Vol XXVIII, No 5, 1962, pp 548.

ATS RJ-4104

Hel-Chem
Dec 63

246, 123

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

S-902/62
Methods of Mathematics and Cybernetics Must be Utilized in Laboratory Research, by V. V. Nalimov, 4 pp.

RUSSIAN, per, Zavodskaya Laboratoriya, No 7, 1962, pp 771-772.

CIA/FDD X-5072

Sci
Mixsc
Jan 63

219,076

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Developments in Analytical Chemistry in 1961.

RUSSIAN, per, X Zavod Lab, Vol XXVIII, No 7, 1962, pp 773-800.

Possibly to Come From Contacts
per 10 Dec 1962 memo
USIB INTERNAL USE ONLY

Sci - Chem

Dec 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Polarographic Determination of Pb and Cu in Te and Te Concentrates, by R. G. Pats, T. V. Semochkina.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 7, 1962, pp 800, 801.

*SLA

Sci - Chem, Phys
Oct 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

A Machine for Testing Materials for Dilation (Distension) and Compression at Temperatures From 1.4°K to 1500°K, by B. I. Gerber, I. A. Gindin, et al, 5 pp.

RUSSIAN, per, Zavod Lab, Vol XXVIII, No 1, 1962, pp 865-868.

9212/78

AEC-tr-482

Sci - Engr

Aug 63

341,328

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

The Spectrographic Analysis of Iron Ores, by
E. I. Andreev, et al.

RUSSIAN, per, Zavod Lab, Vol XXVIII, XXX No 8,
1962, pp 938-940.

HB 5740

Sci-Min/Met
Jan 63

220,012

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Chemical-Spectrographic Method for the Determination of Niobium in Ores and Similar Materials, by L. E. Bernshtein.

RUSSIAN, per, Zavod Lab, Vol XXVIII, No 8, 1962, pp 940-941.

HB 5736

Sci-Min/Met
Jan 63

220,013

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Determination of Iron in Blast-Furnace Sinter by Absorption of Radioactive Radiation, by P. D. Kornh, V. I. Ivanov.

KHIMIAH, per, Zavod Lab, Vol XXVIII, No 8, August 1962, pp 965, 966.

MB 5737

Sel-Min/Met
Jun 63

219,388

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Metallographic Development of the 475°C (890°F) Embrittlement in Austenitic-Ferritic Chrome-Nickel Steel Welds, by M. I. Koperzak.

RUSSIAN, per, Zavod Lab, Vol XXVIII, 1962, No 8, pp 968-969.

HB 5288

Sci-Min/Met
Jan 63

219,387

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

New Methods in Polarography, by Yu. M. Kargin.

RUSSIAN, per, Zavod Laboratoriya, Vol XXVIII, No 9, 1962, pp 1029-1035.

*SLA

Sci-Chem
Dec 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Determination of Trace Amounts of Substances...,
by Kh. Z. Braynina, et al.

RUSSIAN, per, Zavod Laboratoriya, Vol XXVIII, No 9,
1962, pp 1047-1052.

*SLA

Sci-Phys
Dec 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

The Analytical Chemistry of E-Caprolactam, by E. M. Peresplet'chikova, E. N. Zil'berman.

RUSSIAN, per, Zavod Lab, Vol XXVIII, No 10, 1962, pp 1172-1177.

NLL Ref: 5828.4 1963 (10 381)
(Loan)

Sci - Chem
Oct 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Study of the Saturated Vapor Pressure of Liquid Metals and Their Impurities by the Carrier Gas Method, by V. T. Burtsev, A. M. Samarin, 8 pp.

RUSSIAN, per, Zavodsk. Lab., Vol XXVIII, 1962, pp 1199-1203. 9215571

AEC-tr-5983

Sci- Met & Met
Nov 63

241,363

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

SOVIET REVIEW OF MACHINE INFORMATION-LOGICAL METHODS IN CHEMISTRY, BY G. E. VLEDUTS, A. L. SEIFER, 21 PP.

RUSSIAN, PER, ZAVOD LAB, VOL XXVIII, NO 10, 1962, PP 1224-1232.

JPRS 19053

SCI-MISC
MAY 63

229,949

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Spectrographic Analysis of Pure Iron, by
E. V. Lifshits and L. N. Mosova,

RUSSIAN, per, Zavod Lab, Vol XXVIII, No 11,
1962, p 1329.

HB 5866

Sci-M/M
Apr 63

229157

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Spectrographic Analysis of Iron Ore, Sinter, and Blast-Furnace Slag in a 'Resonant" D. C. Arc, by M M. N. Shtutman, et al.

RUSSIAN, per, Zavod Lab, Vol XXVIII, No 11, 1962, pp 1330-1332.

HB 5787

Sci-M/M
Apr 63

9,366

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Ultrasonic Detection of Fatigue Damage in Materials, by P. V. Ponomarev.

RUSSIAN, per, Zavod Lab, Vol XXVIII, No 11, 1962, pp 1345, 1346.

MB 5786

Sci-Min/Met
Jan 63

219,390

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Applications of X-Ray Spectral Micro-Analysis in Metallographic Investigations, by S. B. Maslenkov.

RUSSIAN, per, Zavod Lab, Vol XXVIII, No 12, 1962, pp 1443-1446.

NLL Ref: 5828.4 1963 (5277)
(Loan)

Sci - M/M
Jul 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Applications of X-Ray Spectral Micro-Analysis in Metallographic Investigations, by S. B. Maslenkov.

RUSSIAN, per, Zavod Lab, Vol XXVIII, No 12, 1962, pp 1443-1446.

MLL Ref: 5828.4 1963 (5277)
(Loan)

Sci - M/M
Jul 63

238,137

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Installation for the High Temperature (up to 2 000°C) Tensile Testing of Materials in a Vacuum, by A. N. Kobylkin.

RUSSIAN, per, Zavod Lab, Vol XXVIII, No 12, 1962, pp 1513-1515.

NLL Ref: 5828.4 1963 (5282)
(Loan)

Sci - M/M
Jul 63

138/136

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

ZAVODSKAYA LABORATORIYA

Vol 29, Nos 1-12, 1963

Cover-to-cover Instru Soc of Amer
Available Library Serials

No 2,	*pp 189-193*	*JPRS 18,889*
	pp 193-197	*JPRS 18,889*
	pp 219-221	*JPRS 18,889*
No 3,	*pp 364-370*	*JPRS 18,808*
	pp 371-375	*JPRS 18,808*
	pp 376-378	*JPRS 18,808*
No 8,	*pp 944-948*	*JPRS 22,471*
	pp 923-924	*JPRS 23,451*
No 10,	*pp 1206-1211*	*JPRS 22,442*

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

ZAVODSKAYA LABORATORIYA

Vol 30, Nos 1-9, 1964

Cover-to-cover Instru Soc of Amer
Available Library Serials

No 1, pp 47-54 JPRS 24,459
No 8, pp 997-1005 JPRS 27,097
p 1039 CIA/FDD X-5470 FOUO
p 1040 CIA/FDD X-5470 FOUO

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Study of Thermocouple Materials in Helium at 1500°C, by A. T. Mandrich, G. E. Pletenetskii. RUSSIAN, per, Zavod Lab, Vol 30, No 10, 1964, pp 1243-1244
NLL/5828.4 1965, 5632

Sci -
Jul 67 334,172

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

S-675/62

The Disease Rate and Death Rate of the Population of the USSR From Malignant Neoplasms, kxxA edited by A. M. Merkov, G. F. Tserkovniy, B. D. Kaufman. (DC-8116)

RUSSIAN, bk, Zavolevayemost' i Smertnost' Naseleniya SSSR ot Zlokachestvennykh Novoobrazovaniy, 1962, pp 1-56.

*JPRS

Sci - Med
1 Oct 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

The Tomorrow of Krasnoyarsk Kray, by D. Kalmykov,
37 pp.
RUSSIAN, rpt, Zavtra Krasnoyarskogo-Kraya, 1963,
pp 3-37.
ACSI I-3948
ID 2204053664

USSR
Biog
Mar 65

276,934

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

English Title Unknown, by M. Ye. Levin and G. A. Malinin, et al,
RUSSIAN, bk, Zashchita ot Sredstv Massovo Porazheniya, 1950, pp 45-50.
Army MatCad
SI-7-75-600

Sci-Misc
Mar 67 320,141

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Incendiary Agents and Fire Protection,
by G. Nekrashenko, I. NOvichenko, 42 pp.
FOR OFFICIAL USE ONLY
RUSSIAN, bk, Zazhigatel'nyye Sredstva
i Protivopozharnaya Zashchita, 1958.
9698171
FSTC 381-T65-295

*JPRS/R-5344-D pp-1-45,

Sci-Nucl Sci
Oct 65 290,271

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

Analysis, Derivatives and Oxidation of Gossypol,
by A. Ismailov, A. S. Sadykov.

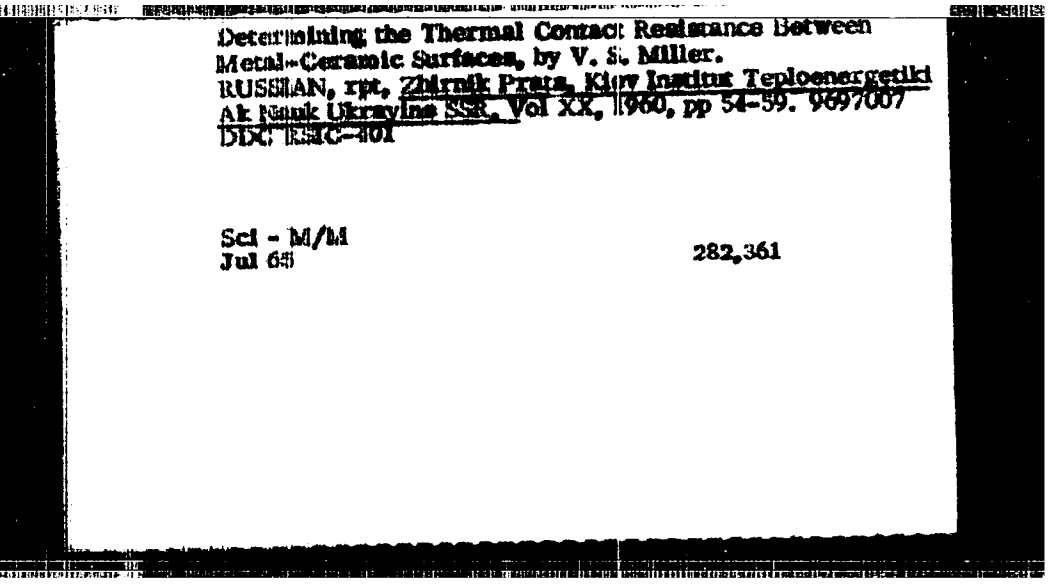
RUSSIAN, per, Zbekskii Khimicheskii Zhurnal,
Akademiya Nauk Uzbekskoi SSR, No 3, 1959,
pp 34-41. (Chem Abs 56-4692i - 1962)

*PL-480
USDA

Sci -
Jun 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9



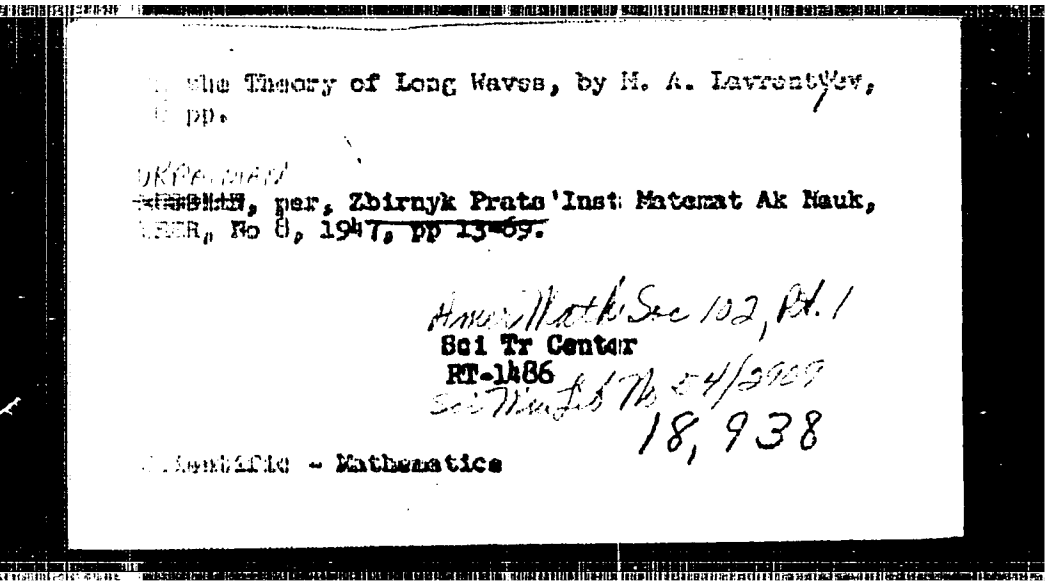
Determining the Thermal Contact Resistance Between Metal-Ceramic Surfaces, by V. S. Miller.
RUSSIAN, rpt, Zhurnal Prata, Kiev Institut Teploenergetiki Ak Nauk Ukrayina SSR, Vol XX, 1960, pp 54-59. 9697007
DDC RAC-401

Sci - M/M
Jul 65

282,361

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9



The Theory of Long Waves, by M. A. Lavrent'yev, pp.

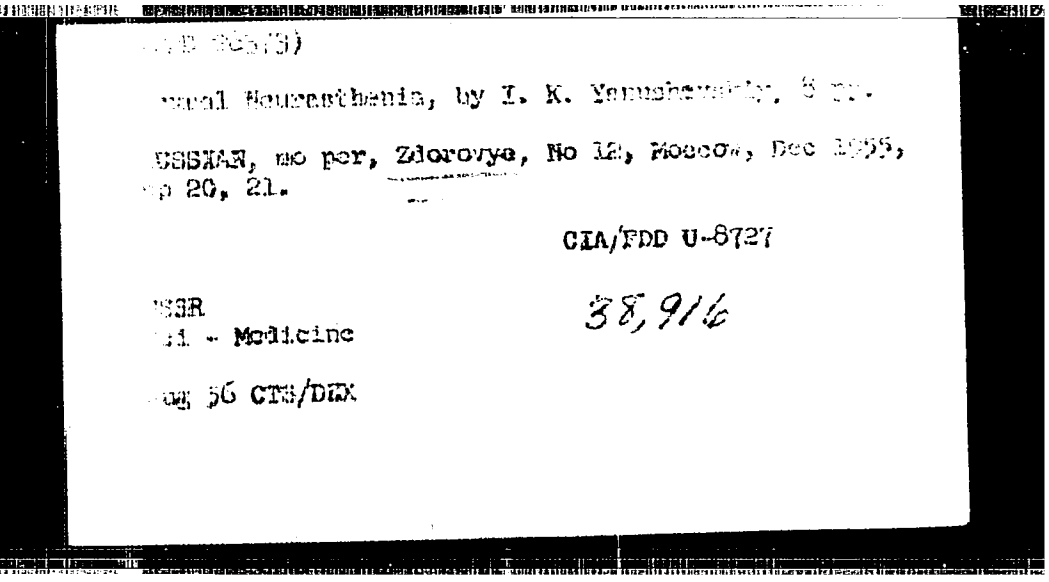
UKR-[illegible]
[illegible], per, Zbirnyk Prats' Inst Matemat Ak Nauk, USSR, No 8, 1947, pp 13-69.

Amer Math Soc 102, Pt. 1
Sci Tr Center
RT-1486
Sci Mag Lib No 24/3909
18,938

[illegible] - Mathematics

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9



[illegible] 363(3)

[illegible]nual Neuroasthenia, by I. K. Yanushevskiy, 5 pp.

USSR/AN, no per, Zdorovye, No 12, Moscow, Dec 1955, pp 20, 21.

CIA/FDD U-8727

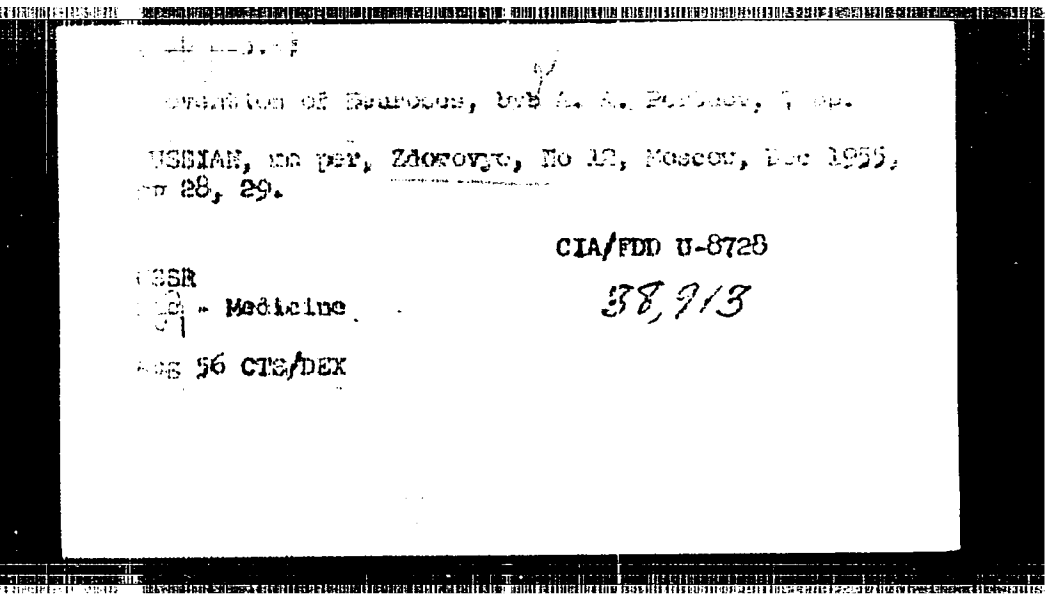
38,916

USSR
21 - Medicine

Aug 56 CIA/DDX

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9



[illegible] of Baranova, Ye. A. Pozharov, T. Ap.

USSIAN, Za per, Zdorovye, No 12, Moscow, Dec 1955, pp 28, 29.

CIA/FDD U-8728

38,713

USSR
- Medicine

AGS 56 CTS/DEX

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910015-9